

Fig. 1

00200000000000000000

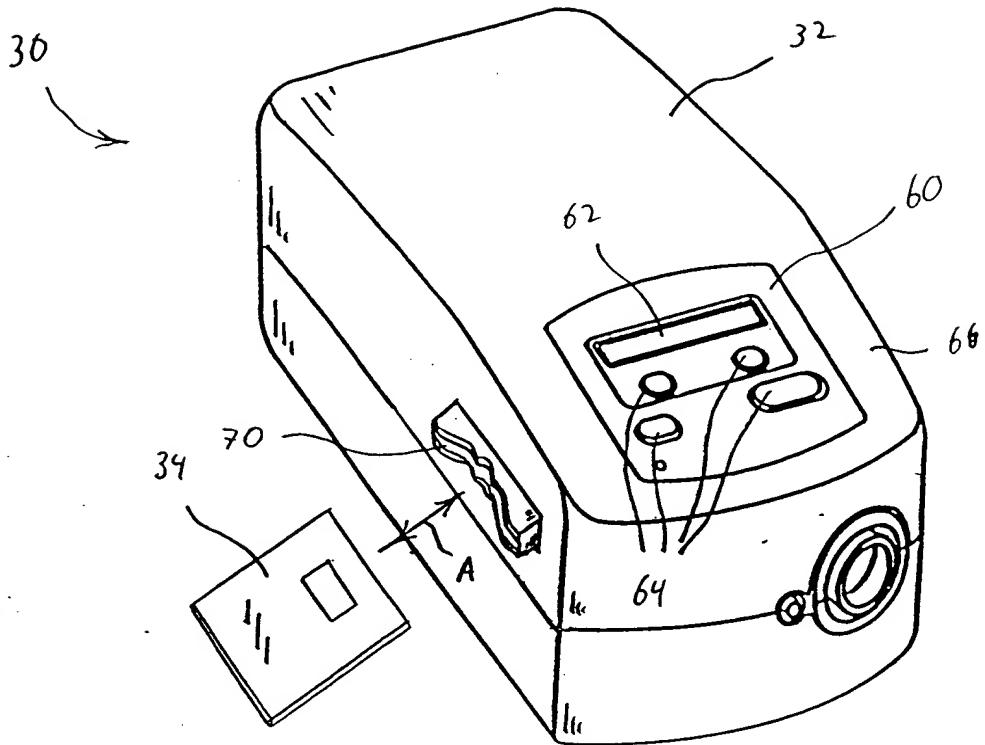
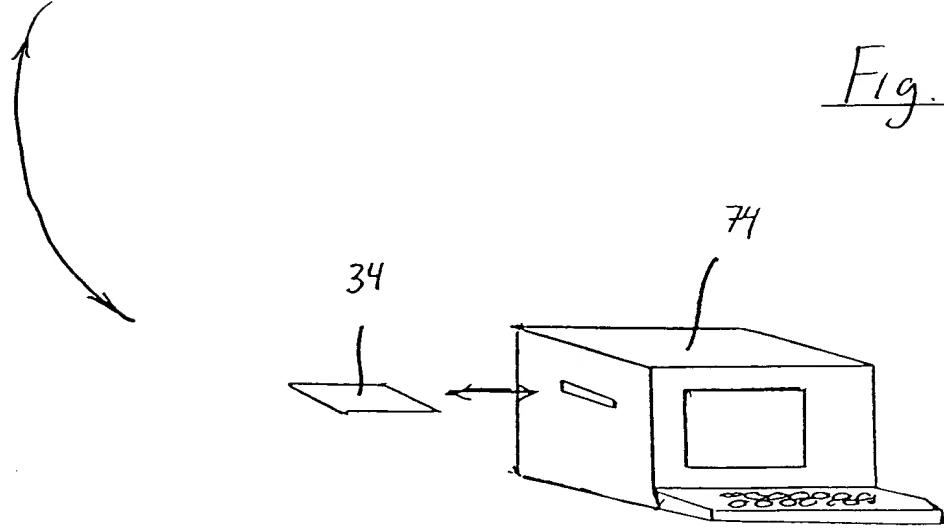


Fig. 2



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RI Brand	Unique Pattern to identify a Respironics Card	82
Card Type	Card Type 0 is the standard data/prescription card Additional card type can be added to perform new functions (i.e. a card may contain application code).	84
Format of CIB	Identifies the card layout - Format 0 describes layout defined within	86
Start Addr - UIDB	Size of card storage is calculated based on the addresses given. All Addresses on the card are stored MSB, LSB	88
End Addr - UIDB	(addresses are 16 bit quantities).	90
Start Addr - CPB		
End Addr - CPB		
Block Check		

Fig. 3

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Version of UIDB	Version 2 identifies the following layout. NOTE: Version must ALWAYS be located in first byte	92
Personal User ID (i.e SSN)	Unique ID	94
Patient Name Field	25 Chars First Name 25 Chars Last Name	96
Optional data	Null terminated string. Data that can be used by the device to display any message. Version 1 limits this to 32 bytes.	98
Block Check		100

Card Identification Block(CIB)	Prescription Version	Version 0 defines the following layout. NOTE: Version must ALWAYS be located in first byte
User Identification Block (UIDB)	Prescription Type	0 : Cpd 1: Auto Titration 2: Bill level 0x0f: No Prescription - present after a format of the card
Card Prescription Block (CPB)	Prescription Format Code	Identifies the format of the prescription.
	Erase Permission	0: Do Not Erase Prescript 1: Erase
	Prescription Ready for Use	0: Prescription Erased 1: Prescription Valid for use

byte 0 - byte n Described in attached tables (see Prescription tables)	34	102
Block Check		
		104
		106
		108
		110
		112
		114

Prescription Definitions

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Cpap Prescription- Format Code 0

Parameter	Scale	Range	Notes
Cpap Pressure	.1 cmH2O	Unit Type Specific Choice: 3-20 cmH2O	1/6 1/8
Ramp Shape	NA	0=None 1=Linear	1/8
Ramp Time	Minutes	0-45	1/20
Auto On	NA	0=Disable 1=Enable	1/22
Auto Off	NA	0=Disable 1=Enable	1/24

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Auto Titration Prescription- Format Code 0

Parameter	Scale	Range	Notes
Minimum Pressure	.1 cmH2O	Unit Type Specific Choice: 3-Max P _r cmH2O	1/26 Min pressure <= Max Pressure
Maximum Pressure	.1 cmH2O	Unit Type Specific Choice: Min P _r -20 cmH2O	1/28 Max pressure >= Min Pressure
Auto On	NA	0=Disable 1=Enable	1/22
Auto Off	NA	0=Disable 1=Enable	1/24

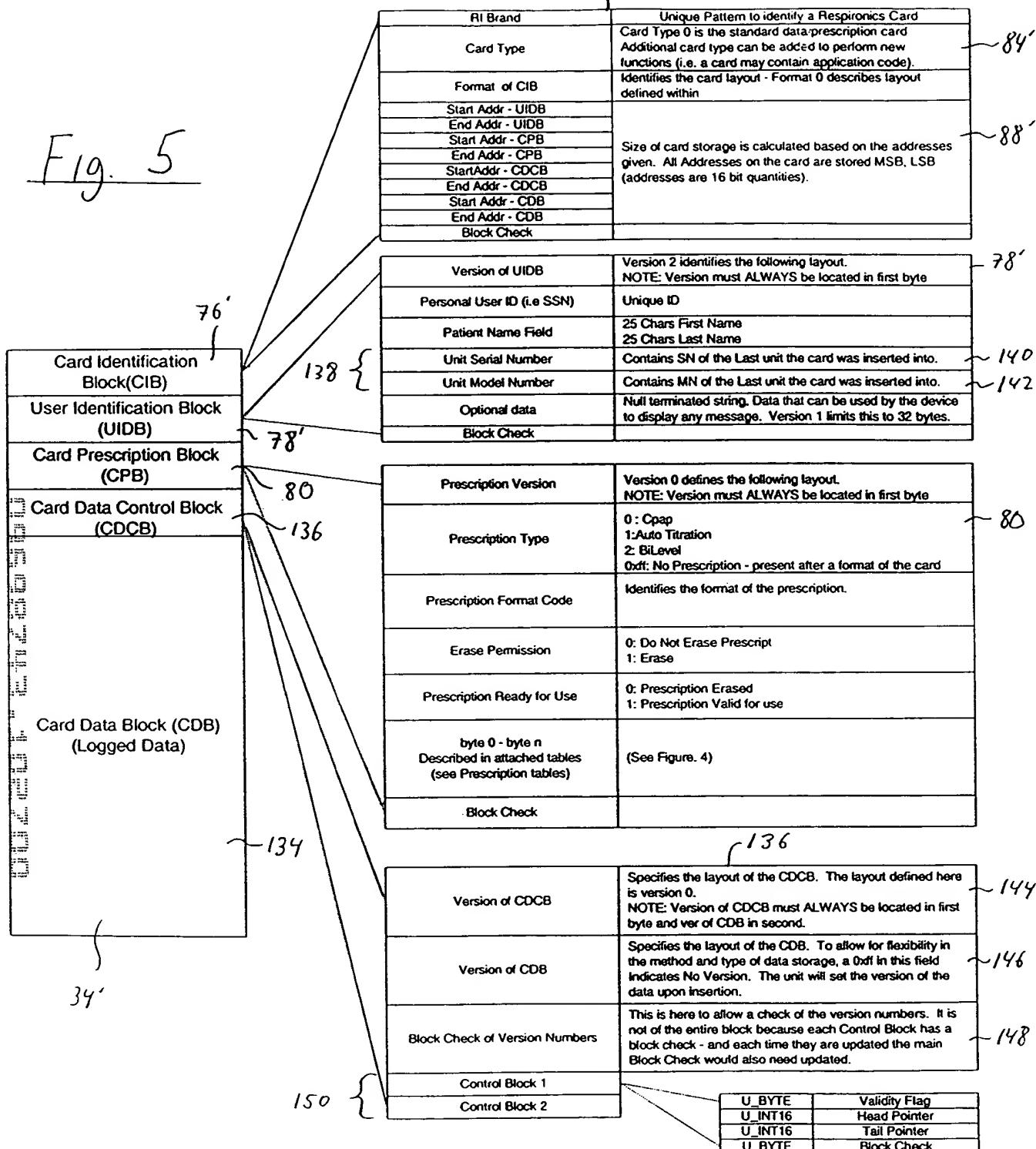
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BiLevel Prescription- Format Code 0

Parameter	Scale	Range	Notes
IPAP Pressure	.1 cmH2O	Unit Type Specific Choice: Epap-20 cmH2O	1/30 IPAP pressure >= EPAP Pressure
EPAP Pressure	.1 cmH2O	Unit Type Specific Choice: 3-IPAP cmH2O	1/32 EPAP pressure <= IPAP Pressure
Ramp Shape	NA	0=None 1=Linear 2=Bi-Level	1/8'
Ramp Time	Minutes	0-45	1/20
Auto On	NA	0=Disable 1=Enable	1/22
Auto Off	NA	0=Disable 1=Enable	1/24

Fig. 4

Fig. 5



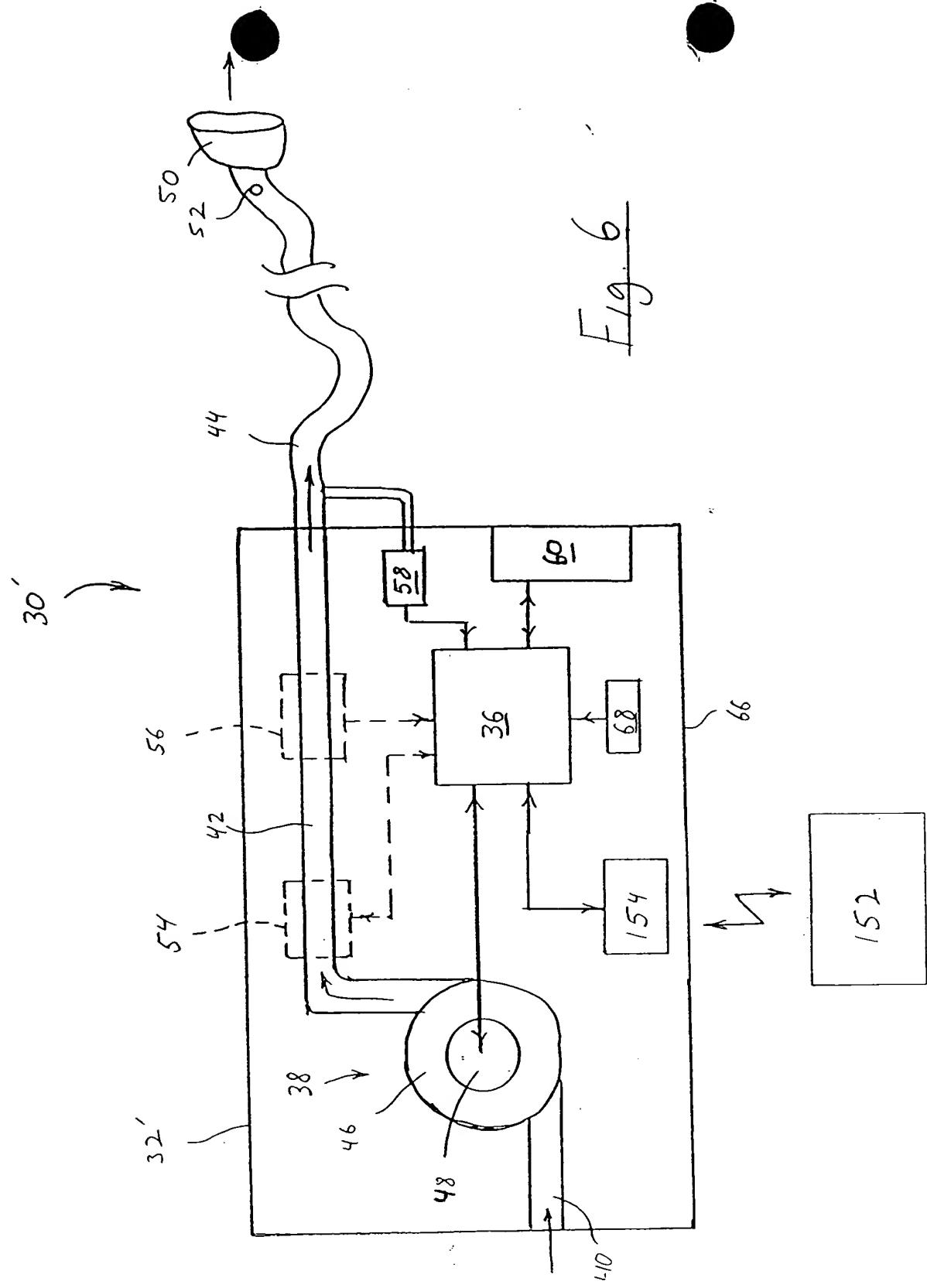


Fig. 6

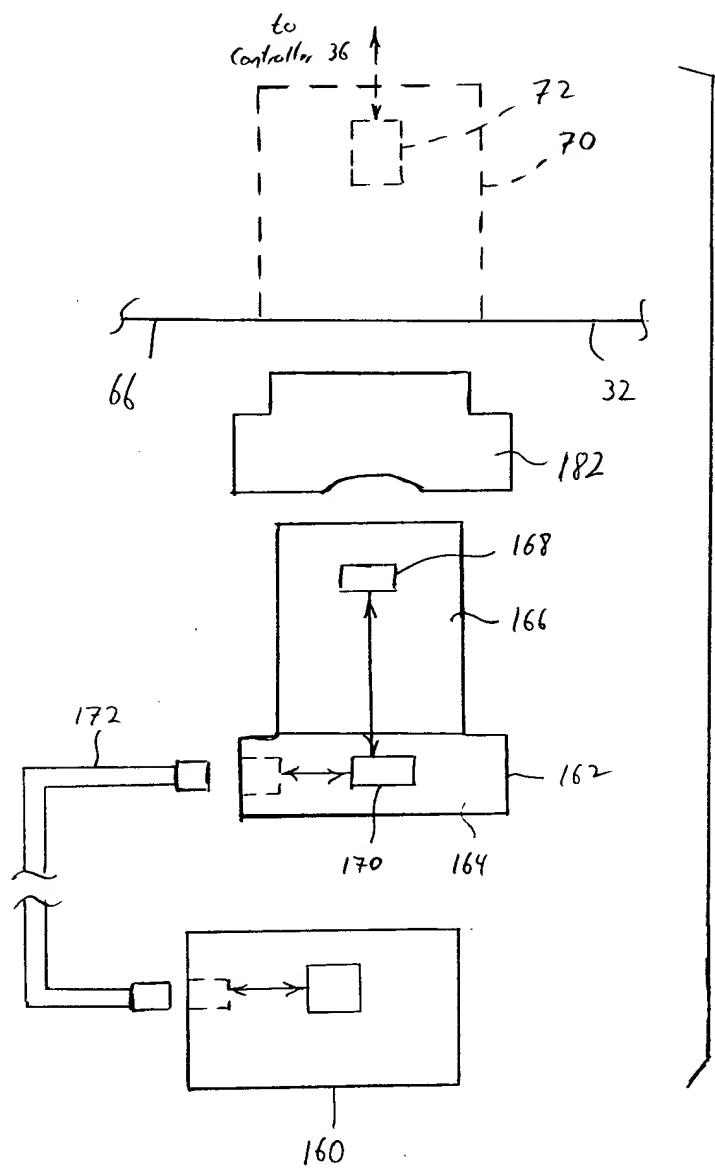


Fig. 7

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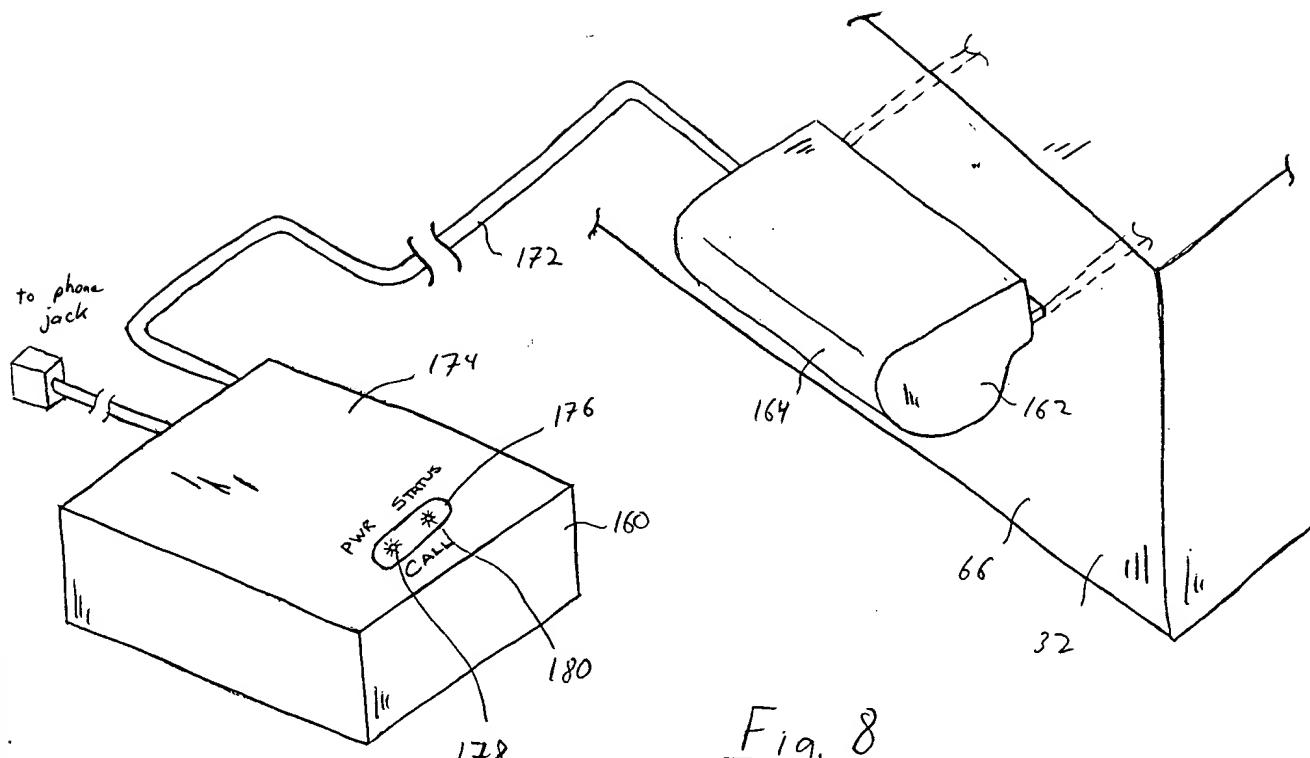


Fig. 8

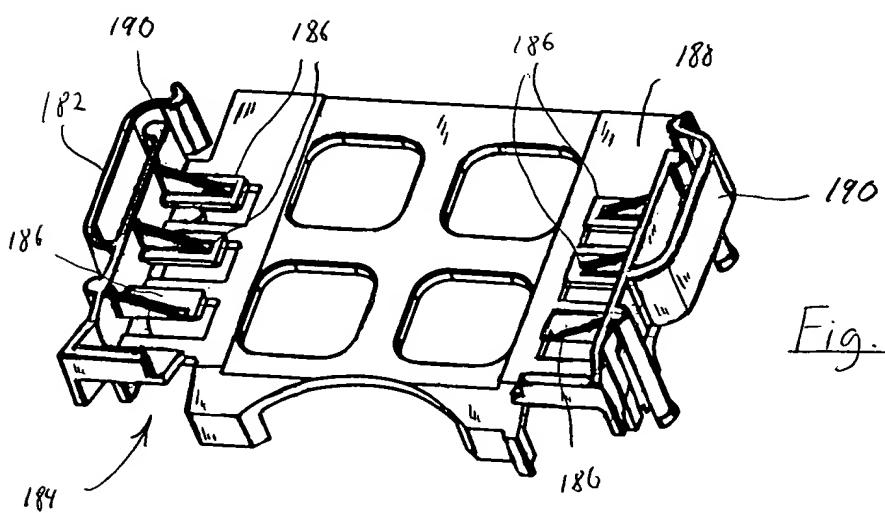


Fig. 9